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(21)Application number : 10-295343

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(54) EXTERIOR SHEET MACHINING DEVICE, AND EXTERIOR SHEET MACHINING METHOD USING THE DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To improve the machining efficiency and the safety by making folded end faces of two this sheets in close contact with each other to form a contact surface part, inserting a machine main body into the contact surface part, and moving the along the contact surface part thereby continuously folding the sheets.

SOLUTION: Two thin sheets to be folded, i.e., exterior sheets 10 are made in close contact with each other so that pre-folded end faces a1, a2 opposite to each other to form a contact surface part. The exterior sheets 10 are fixed to a machining frame, and a body 8 is fitted so as to surround a joined part of the exterior sheets 10. A male screw rod is rotated by a reversible rotating motor, and the body 8 is moved in the longitudinal direction (the direction of the arrow L) of the joined part of the exterial sheets 10. The exterior sheets 10 are continuously folded and finished by passing the exterior sheets 10 through

these parts by a guide plate for folding and a guide roller arranged to give a folding line.

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